EUB

EPCOR Distribution Inc.

2004 Distribution Tariff Application
Part A: 2004 Interim Distribution Rates

SAS Update to Decision 2003-085

November 25, 2003

Alberta Energy and Utilities Board

ALBERTA ENERGY AND UTILITIES BOARD
Decision 2003-094: EPCOR Distribution Inc.
2004 Distribution Tariff Application
Part A: 2004 Interim Distribution Rates
SAS Update to Decision 2003-085
Application No. 1306821

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ALBERTA ENERGY AND UTILITIES BOARD
Calgary Alberta

EPCOR DISTRIBUTION INC.
2004 DISTRIBUTION TARIFF APPLICATION
PART A: 2004 INTERIM RATES
SAS UPDATE TO DECISION 2003-085

Decision 2003-094
Application No. 1306821
File No. 1706-3

The Alberta Energy and Utilities Board (Board) issued Decision 2003-085 on November 14, 2003. Inter alia, Decision 2003-085 approved an interim Distribution Tariff (DT) for EPCOR Distribution Inc. (EDI) for 2004.

In a letter dated November 19, 2003 EDI indicated that it had requested approval of an interim DT with the following element in its interim DT:

> EDI's existing 2003 rates for system access service as set out in DT Schedule 2 in the attached Interim Distribution Tariff Appendix, ***subject to appropriate adjustment as the Board may determine to be just and reasonable following the Board's approval of final rates in respect of the Alberta Electric System Operator's 2003 General Tariff Application now pending before the Board.***[1]

EDI noted that, on November 4, 2003, the Board released Decision 2003-077 in which it approved new 2003 rates for the AESO. Since Decision 2003-077 was issued, EDI has, in accordance with the procedure approved by Edmonton City Council, adjusted its 2003 SAS tariff to reflect the rates that were approved in that Decision. EDI's adjusted SAS tariff rates will take effect on December 1, 2003.

EDI also noted that in Decision 2003-085 the Board approved SAS charges on an interim refundable basis effective January 1, 2004.[2] The Price Schedules that the Board approved were attached as Schedule B to Decision 2003-085. EDI further noted that those Price Schedules included Table 3 (Values Referenced in 2004 System Access Service Rate Schedules) and the Distribution Tariff – Application Guide Appendix A.

EDI requested that the Board approve the substitution of the Table 3 and Distribution Tariff – Application Guide Appendix A in the Price Schedules attached to EDI's November 19, 2003 letter for their counterparts included in Schedule B to Decision 2003-085.

The Board notes that on page 9 of Decision 2003-085 the Board indicated that:

> The Board notes that there was no opposition voiced respecting the proposed interim EDI SAS Price Schedules. The Board is satisfied that it would be appropriate to approve the requested interim EDI SAS Price Schedules since these proposed SAS Price Schedules will flow through actual AESO charges in 2004. Accordingly, the Board approves the proposed SAS on an interim refundable basis effective January 1, 2004 as shown on Schedule B SAS Price Schedules attached.

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[1] Application, para. (b)(ii), emphasis added.
[2] Decision 2003-085, pp. 9 and 14.

The Board considers that the Schedule B approved in Decision 2003-085 was approved as a placeholder since it did not reflect the Board's intention to approve interim EDI SAS Price Schedules that would flow through the actual AESO charges in 2004.

The EDI SAS Price Schedules that will take effect on December 1, 2003 that EDI attached to its November 19, 2004 letter, and which constitute the updated Schedule B as attached to this Decision, are the interim EDI SAS Price Schedules that will flow through the actual AESO charges in 2004.

Accordingly, the Board considers that Schedule B of Decision 2003-085 should be replaced with the EDI SAS Price Schedules that constitute the updated Schedule B as attached to this Decision.

DATED in Calgary, Alberta on November 25, 2003.

ALBERTA ENERGY AND UTILITIES BOARD

N.W. MacDonald, P.Eng
Presiding Member

R. G. Lock, P. Eng.
Member

J. I. Douglas, FCA
Member

SCHEDULE B - EDI SAS PRICE SCHEDULES (UPDATED)

"DT-SAS Price
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(Consists of 24 pages)

EPCOR

DT- Schedule 2

Transmission System Access Tariff
(Interim 2004)

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System Access Service Charges – Rate Schedule

Residential Service
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Primary Commercial/Industrial Service 150 to 5,000kVA
Commercial/Industrial Service Greater Than 5,000 kVA
Direct Connects to the Transmission System
Street Lights
Traffic Control
Lane Lights
Security Lights

Rate: **System Access Service Charges:**

The Alberta Electric System Operator (AESO) Transmission Tariff is applied to each customer's contribution to energy and demand at the transmission point of delivery (POD). Load Settlement determines the customer's contribution to energy and demand at the POD.

The Terms and Conditions and the Franchise Fee apply to all customers.

System Access Service Charges – Rate Schedule

Deferral Account

Rate: **Transmission Charge Deferral Account:**

EPCOR Distribution will track the total annual cost of providing System Access Service to EPCOR Distribution's interface point. The total cost of service includes;

a) the AESO's transmission charges,
b) Aquila Networks Canada's charges in lieu of AESO charges at the 25 kV interchange points,

EPCOR Distribution will also track the total revenue from System Access Service Charges. Once each year, EPCOR Distribution will reconcile the difference between costs and revenue for System Access Service charges and charge/refund the difference on a $/kWh basis to all customers connected to EPCOR Distribution's system.

The Terms and Conditions and the Franchise Fee apply to all customers.

System Access Service Charges – Application Guide

Residential Service, Commercial/Industrial Service < 50 kVA, and Commercial/Industrial Service 50 kVA to Less Than 150 kVA

Applicable: To all residential services that are served by EPCOR and which have an energy meter. Residential Service is only available to single or two family dwellings consisting of a suite of rooms provided with sleeping and cooking facilities, which is being used primarily for domestic use. Where a business is conducted from a dwelling that it is also used for domestic purposes, the Residential Service is no longer applicable if the service is larger than 200 amps.

The intent is that this rate is applicable for residential services that are on average 600 kWh per month, typically share a 37 or 50 kVA transformer with about 12 other residential services and some streetlights. Residential sites may be eligible for Commercial Service only if the service is not typical of a residential service and at least one of the following parameters are met:

a) The service panel is larger than 200 amps,
b) The site does not share a transformer.

Only very small, low energy consumption services receive a lower bill under the commercial rate. Small residences or low energy consumption residences do not qualify for Small Commercial Service.

Applicable: This rate is applicable to services that have a normal maximum demand of less than 50 kVA. These services normally have energy meters only with the exception of those services that qualify for the Unmetered Option. This rate is also applicable to all services for which no other rate is applicable.

The normal maximum demand is the peak demand over the last 12 months, or the forecast peak demand if EPCOR has reason to believe that the historic load is not indicative of future load. Whenever facilities are installed to supply a site with more than 50 kVA, a flag should be raised for a person to assess if this service should be changed to the next larger rate class. If warranted, a different meter should be installed and the site should be invoiced on the new appropriate rate.

Applicable: This rate is applicable to services that have a normal maximum demand of greater than or equal to 50 kVA and less than 150 kVA. These services normally have demand meters.

The normal maximum demand is the peak demand over the last 12 months, or the forecast peak demand if EPCOR has reason to believe that the past 12 months are not indicative of future load. Whenever a site on this rate has a meter reading over 150 kVA, or has 12 consecutive months of meter readings below 50 kVA, a flag should be raised for a person to assess if this service should be changed to another rate class. If warranted, a different meter should be installed and the site should be invoiced on the new appropriate rate.

Rate: **System Access Service Charges:**

The AESO's Transmission Tariff is applied to each site's contribution to energy and demand at the AESO's aggregate POD level. Settlement will provide each sites contribution to energy at the aggregate POD level. Settlement will take into consideration the NSLS, the energy consumption at the site, the distribution line losses and UFE.

The Billing Demand for System Access Service Charges is the demand coincident to the AESO POD peak. The Billing Demand and the Peak Monthly Demand are calculated and defined as shown in the Definition of Billing Demand.

The Peak Monthly Demand may vary as long as Settlement data is subject to change.

Charge Type	Value (Refer to the values associated with the Cell References in the Attached Table 3)
Conversion kW @ site to kW Coincident to POD Peak	SASR-1
Demand Charge ($/kW/day)	SASR-2
Other System Support Charge ($/kW/Day)	SASR-5
Variable Charge ($/kWh)	SASR-3
Operating Reserve Charge (Variable Charge)	SASR-4

The Demand Charge is calculated as follows:

Demand Charge =
*SASR-2** X
Billing Demand

The Other System Support Charge is calculated as follows:

Other System Support Charge =
*SASR-5** X
Peak Monthly Demand

The Variable Charge is calculated as follows:

Variable Charge =
*SASR-3** X
Energy Delivered in the billing period as per Settlement.

The Operating Reserve Charge is applied to the energy delivered during the billing period (as per Settlement). The Operating Reserve Charge is calculated as follows:

Operating Reserve Charge =
kWh as per Settlement during each hour X *SASR-4**
X Applicable Pool Price during each hour.

The same billing process is used for the Initial Settlement, the Interim Settlement and the Final Settlement.

The Terms and Conditions of the AESO apply.

The Terms and Conditions and the Franchise Fee apply to all sites.

* The italicized codes will have an associated value in the attached Table 3.

System Access Service Charges – Application Guide

Primary and Secondary Commercial/Industrial Service 150 kVA to 5,000 kVA, Connected to EPCOR's Distribution System

Applicable: This rate is applicable to sites that have a normal maximum demand of greater than or equal to 150 kVA and less than 5,000 kVA and connected to EPCOR's distribution system. These services require an interval-recording meter. This rate is applicable to all services that are served at the secondary voltage of the transformer, normally with a delivery voltage of below 1,000 volts as well as those services connected at the primary side of the transformer, normally with a delivery voltage of over 1,000 volts.

Rate: **System Access Service Charges:**

The AESO's Transmission Tariff is applied to each site's contribution to energy and demand at the AESO's aggregate POD level. Settlement will provide each sites contribution to energy and demand at the aggregate POD level. Settlement will take into consideration the energy consumption at the site, the distribution line losses and UFE.

The Peak Monthly demand is based on the highest 15-minute meter interval during the complete month.

Charge Type	Value (Refer to the values associated with the Cell References in the Attached Table 3)
Diversity Factor	SASCI-1
Line Loss Factor	SASCI-2
Demand Charge ($/kW/day)	SASCI-3
Other System Support Charge ($/kW/Day)	SASCI-6
Variable Charge ($/kWh)	SASCI-4
Operating Reserve Charge (Variable Charge)	SASCI-5

The Demand Charge is calculated as follows:

Demand Charge =
*SASCI-3**
X Billing Demand

The Other System Support Charge is calculated as follows:

Other System Support Charge =
*SASCI-6** X
Peak Monthly Demand

The Variable Charge is calculated as follows:

Variable Charge =
*SASCI-4** X
Energy delivered in the billing period as per Settlement.

The Operating Reserve Charge is applied to the energy consumption during the billing period (as per Settlement). The Operating Reserve Charge is calculated as follows:

Operating Reserve Charge =
*SASCI-5** X
Energy delivered as per Settlement during each hour X
Applicable Pool Price each hour .

The same billing process is used for the Initial Settlement, the Interim Settlement and the Final Settlement.

The Terms and Conditions of the AESO apply.

The Terms and Conditions and the Franchise Fee apply to all sites.

* The italicized codes will have an associated value in the attached Table 3.

System Access Service Charges – Application Guide

Primary and Secondary Commercial/Industrial Service Greater than 5,000 kVA, Connected to EPCOR's Distribution System

Applicable: This rate is applicable to sites that have a normal maximum demand of greater than 5,000 kVA and connected to EPCOR's distribution system. These services require an interval-recording meter. This rate is applicable to all services that are served at the secondary voltage of the transformer, normally with a delivery voltage of below 1,000 volts as well as those services connected at the primary side of the transformer, normally with a delivery voltage of over 1,000 volts.

Rate: **System Access Service Charges:**

The AESO's Transmission Tariff is applied to each site's contribution to energy and demand at the AESO's aggregate POD level. Settlement will provide each sites contribution to energy and demand at the aggregate POD level. Settlement will take into consideration the energy consumption at the site, the distribution line losses and UFE.

The Peak Monthly demand is based on the highest 15-minute meter interval during the complete month.

Charge Type	Value (Refer to the values associated with the Cell References in the Attached Table 3)
Diversity Factor	SASCS-1
Line Loss Factor	SASCS-2
Demand Charge ($/kW/day)	SASCS-3
Other System Support Charge ($/kW/Day)	SASCS-6
Variable Charge ($/kWh)	SASCS-4
Operating Reserve Charge (Variable Charge)	SASCS-5

Please refer to DT Schedule 1, Distribution Access Charges – Rate Schedule, Commercial/Industrial Service Greater Than 5,000 kVA, for a listing of customers and their Line Loss Factor.

The Demand Charge is calculated as follows:

Demand Charge =
*SASCS-3**
X Billing Demand

The Other System Support Charge is calculated as follows:

Other System Support Charge =
*SASCS-6** X
Peak Monthly Demand

The Variable Charge is calculated as follows:

Variable Charge =
*SASCS-4** X
Energy delivered in the billing period as per Settlement.

The Operating Reserve Charge is applied to the energy consumption during the billing period (as per Settlement). The Operating Reserve Charge is calculated as follows:

Operating Reserve Charge =
*SASCS-5** X
Energy Delivered as per Settlement during each hour X
Applicable Pool Price each hour .

The same billing process is used for the Initial Settlement, the Interim Settlement and the Final Settlement.

The Terms and Conditions of the AESO apply.

The Terms and Conditions and the Franchise Fee apply to all sites.

* The italicized codes will have an associated value in the attached Table 3.

System Access Service Charges – Application Guide

Direct Connects to the Transmission System

Applicable: To all services that are connected directly to the provincial transmission system.

Rate: **System Access Service Charges:**

The AESO's Transmission Tariff is applied to each site's contribution to energy and demand at the AESO's aggregate POD level. Settlement determines each sites contribution to energy and demand at the POD. No distribution losses are considered in Settlement for direct connected sites.

The Peak Monthly demand is based on the highest 15-minute meter interval during the complete month.

Charge Type	Value (Refer to the values associated with the Cell References in the Attached Table 3)
Diversity Factor	SASDC-1
Line Loss Factor	SASDC-2
Demand Charge ($/kW/day)	SASDC-3
Other System Support Charge ($/kW/Day)	SASDC-8
Variable Charge ($/kWh)	SASDC-4
Operating Reserve Charge (Variable Charge)	SASDC-5
Power Factor Charge ($/kVAr/day)	SASDC-6

The Demand Charge is calculated as follows:

Demand Charge =
*SASDC-3** X
Billing Demand

The Other System Support Charge is calculated as follows:

Other System Support Charge =
*SASDC-8** X
Peak Monthly Demand

The Variable Charge is calculated as follows:

Variable Charge =
*SASDC-4** Variable Charge ($/kWh) X
Energy delivered in the billing period as per Settlement.

The Operating Reserve Charge is applied to the energy consumption during the billing period (as per Settlement). The Operating Reserve Charge is calculated as follows:

Operating Reserve Charge =
*SASDC-5** X
Energy delivered as per Settlement during each hour X
Applicable Pool Price each hour .

The Power Factor Charge applies if the Power Factor is less than 90% during the Peak Monthly Demand.

Prior to the Interim and Final Settlement invoices, the AESO's invoice is received, reconciliation with the AESO's Tariff is required. The AESO invoices on a monthly basis while EPCOR's tariff is implied on a daily basis.

Interim and Final Settlement involves a comparison of the AESO's invoice for the month to the sum of the initial System Access Service bills.

The Interim bill will include a credit (or charge) to reconcile the sum of the amount paid in Initial bills with the AESO invoice for the POD.

The final bill will include a credit (or charge) to reconcile the amount paid in the interim bill with the AESO invoice for the POD.

The Terms and Conditions of the AESO apply.

The Terms and Conditions and the Franchise Fee apply to all sites.

* The italicized codes will have an associated value in the attached Table 3.

System Access Service Charges – Application Guide

Photo Eye Operated Load

Applicable: To the Retailer for services owned by the City of Edmonton for Street Lighting Service.

Applicable: To the Retailer for services owned by the City of Edmonton for Lane Lights Service.

Applicable: To the Retailer for existing unmetered Security Light Service. This rate is not available to new services.

Rate: **System Access Service Charges:**

The AESO's Transmission Tariff is applied to each site's contribution to energy and demand at the AESO's aggregate POD level. Settlement will provide each sites contribution to energy at the aggregate POD level. Settlement will take into consideration the appropriate load profile, the energy consumption at the site, the distribution line losses and UFE.

The Billing Demand for System Access Service Charges is the demand coincident to the AESO POD peak. The Billing Demand and the Peak Monthly Demand are calculated and defined as shown in the Definition of Billing Demand.

The Peak Monthly Demand may vary as long as Settlement data is subject to change.

Charge Type	Value (Refer to the values associated with the Cell References in the Attached Table 3)
Conversion kW @ site to kW Coincident to POD Peak	SASPE-1
Demand Charge ($/kW/day)	SASPE-2
Other System Support Charge ($/kW/Day)	SASPE-5
Variable Charge ($/kWh)	SASPE-3
Operating Reserve Charge (Variable Charge)	SASPE-4

The Demand Charge is calculated as follows:

Demand Charge =
*SASPE-2**
X Billing Demand

The Other System Support Charge is calculated as follows:

Other System Support Charge =
*SASPE-5** X
Peak Monthly Demand

The Variable Charge is calculated as follows:

Variable Charge =
*SASPE-3** X
Energy delivered in the billing period as per Settlement.

The Operating Reserve Charge is applied to the energy consumption during the billing period (as per Settlement). The Operating Reserve Charge is calculated as follows:

Operating Reserve Charge =
*SASPE-4** X
Energy delivered as per Settlement during each hour X
Applicable Pool Price during each hour.

The same billing process is used for the Initial Settlement, the Interim Settlement and the Final Settlement.

The Terms and Conditions of the AESO apply.

The Terms and Conditions and the Franchise Fee apply to all sites.

* The italicized codes will have an associated value in the attached Table 3.

System Access Service Charges – Application Guide

Continuous Operation Load

Applicable: To the Retailer for services owned by the City of Edmonton for Traffic Lights and other Traffic Control Service.

Rate: **System Access Service Charges:**

The AESO's Transmission Tariff is applied to each site's contribution to energy at the AESO's aggregate POD level. Settlement will provide each sites contribution to energy at the aggregate POD level. Settlement will take into consideration the appropriate load profile, the energy consumption at the site, the distribution line losses and UFE.

The Billing Demand for System Access Service Charges is the demand coincident to the AESO POD peak. The Billing Demand and the Peak Monthly Demand are calculated and defined as shown in the Definition of Billing Demand.

The Peak Monthly Demand may vary as long as Settlement data is subject to change.

Charge Type	Value (Refer to the values associated with the Cell References in the Attached Table 3)
Conversion kW @ site to kW Coincident to POD Peak	SASCO-1
Demand Charge ($/kW/day)	SASCO-2
Other System Support Charge ($/kW/Day)	SASCO-5
Variable Charge ($/kWh)	SASCO-3
Operating Reserve Charge (Variable Charge)	SASCO-4

The Demand Charge is calculated as follows:

Demand Charge =
*SASCO-2** X
Billing Demand

The Other System Support Charge is calculated as follows:

Other System Support Charge =
*SASCO-5** X
Peak Monthly Demand

The Variable Charge is calculated as follows:

Variable Charge =
*SASCO-3** X
Energy delivered in the billing period as per Settlement.

The Operating Reserve Charge is applied to the energy consumption during the billing period (as per Settlement). The Operating Reserve Charge is calculated as follows:

Operating Reserve Charge =
*SASCO-4** X
Energy delivered as per Settlement during each hour X
Applicable Pool Price during each hour.

The same billing process is used for the Initial Settlement, the Interim Settlement and the Final Settlement.

The Terms and Conditions of the AESO apply.

The Terms and Conditions and the Franchise Fee apply to all sites.

* The italicized codes will have an associated value in the attached Table 3.

System Access Service Charges – Application Guide

Distribution Connected Generation

Applicable: To each service where generation exceeds the on-site load and energy is exported back to the distribution system. A bi-directional interval recording meter is required for each Distribution Connected Generation service.

Rate: **System Access Service Charges:**
Any credits received from the AESO as a result of the operation of distribution-connected generation will be passed on directly to the generator.

The Terms and Conditions and the Franchise Fee apply to all sites.

Distribution Tariff – Application Guide

Franchise Fee

Applicable: All sites interconnected to EPCOR's distribution system and located within the City of Edmonton.

Rate: EPCOR will apply the Franchise Fee that the City of Edmonton directs EPCOR to collect.

Distribution Tariff – Application Guide

Definition of Billing Demand

Applicable: All sites.

The Billing Demand is the greatest of:

i) The Peak Monthly Demand in the last completed month prior to the start of a billing period,
ii) 90% of the highest Peak Monthly Demand in the last 12 completed calendar months,
iii) 85% of the highest Peak Monthly Demand in the last 24 completed calendar months,
iv) 80% of the highest Peak Monthly Demand in the last 36 completed calendar months,
v) 75% of the highest Peak Monthly Demand in the last 48 completed calendar months,
vi) 70% of the highest Peak Monthly Demand in the last 60 completed calendar months.

EPCOR will only have 48 months of history starting January 1, 2004 for ratchet purposes and therefore, demand history will accumulate for the following 12 months. On January 1 2005, 60 months of history will be accumulated, and thereafter, all data older than 60 months will no longer be required (assuming that the Transmission Administrator has a 60-month ratchet in effect at that time).

Peak Monthly Demand: means the peak demand in kW that a site contributes to the coincident peak at the AESO's POD.

For sites with out an interval-recording meter, the Peak Monthly Demand for System Access Service Charges is equal to the site peak (Peak Monthly Demand for Distribution Access Service Charges) multiplied by the Conversion factor listed under each customer group. When Peak Monthly Demand for Distribution Access Service Charges is expressed in kVA, a conversion factor of 0.92 shall be used to convert the kVA to kW.

For sites with an interval-recording meter, the Peak Monthly Demand is calculated as follows:

Peak Monthly Demand =
highest 15 minute interval (kW) X Diversity Factor X
(1 + Line Loss Factor)

Table 3: Values Referenced in 2003 System Access Service Rate Schedules

Rate Class	Cell Reference	Value	Description
Residential, Commercial/ Industrial Service <50 kVA, Commercial/ Industrial Service 50 kVA to Less Than 150 kVA	SASR-1	49.45%	Conversion kW @ site to kW at Coincident POD peak
Residential, Commercial/ Industrial Service <50 kVA, Commercial/ Industrial Service 50 kVA to Less Than 150 kVA	SASR-2	$ 0.04105	/kW/day of Demand Charge
Residential, Commercial/ Industrial Service <50 kVA, Commercial/ Industrial Service 50 kVA to Less Than 150 kVA	SASR-3	$ 0.0017500	/ kWh of Energy Charge
Residential, Commercial/ Industrial Service <50 kVA, Commercial/ Industrial Service 50 kVA to Less Than 150 kVA	SASR-4	4.22%	Operating Reserve Charge (Total Energy)
Residential, Commercial/ Industrial Service <50 kVA, Commercial/ Industrial Service 50 kVA to Less Than 150 kVA	SASR-5	$ 0.00067	/kW/day of Other System Support Charge
150 to 5000 kVA	SASCI-1	61.23%	Diversity Factor
150 to 5000 kVA	SASCI-2	3.68%	Line Loss Factor
150 to 5000 kVA	SASCI-3	$ 0.04105	/kW/day of Demand Charge
150 to 5000 kVA	SASCI-4	$ 0.0017500	/ kWh of Energy Charge
150 to 5000 kVA	SASCI-5	4.22%	Operating Reserve Charge (Total Energy)
150 to 5000 kVA	SASCI-6	$ 0.00067	/kW/day of Other System Support Charge
> 5000 kVA	SASCS-1	85.41%	Diversity Factor
> 5000 kVA	SASCS-2	Refer to DAC	Line Loss Factor Varies by Customer, please refer to Distribution Access
> 5000 kVA	SASCS-3	$ 0.04105	/kW/day of Demand Charge
> 5000 kVA	SASCS-4	$ 0.0017500	/ kWh of Energy Charge
> 5000 kVA	SASCS-5	4.22%	Operating Reserve Charge (Total Energy)
> 5000 kVA	SASCS-6	$ 0.00067	/kW/day of Other System Support Charge
Direct Connects to T.A.	SASDC-1	100.00%	Diversity Factor
Direct Connects to T.A.	SASDC-2	0.00%	Line Loss Factor
Direct Connects to T.A.	SASDC-3	$ 0.04105	/kW/day of Demand Charge
Direct Connects to T.A.	SASDC-4	$ 0.0017500	/ kWh of Energy Charge
Direct Connects to T.A.	SASDC-5	4.22%	Operating Reserve Charge (Total Energy)

Direct Connects to T.A.	SASDC-8	$ 0.00067	/kW/day of Other System Support Charge
Photo Eye	SASPE-1	92.5%	Conversion kW @ site to kW at Coincident POD peak
Photo Eye	SASPE-2	$ 0.04105	/kW/day of Demand Charge
Photo Eye	SASPE-3	$ 0.0017500	/ kWh of Energy Charge
Photo Eye	SASPE-4	4.22%	Operating Reserve Charge (Total Energy)
Photo Eye	SASPE-5	$ 0.00067	/kW/day of Demand Charge
Continous Operating Load	SASCO-1	92.5%	Conversion kW @ site to kW at Coincident POD peak
Continous Operating Load	SASCO-2	$ 0.04105	/kW/day of Demand Charge
Continous Operating Load	SASCO-3	$ 0.0017500	/ kWh of Energy Charge
Continous Operating Load	SASCO-4	4.22%	Operating Reserve Charge (Total Energy)
Continous Operating Load	SASCO-5	$ 0.00067	/kW/day of Other System Support Charge

Distribution Tariff – Application Guide
Appendix A

Examples for a One Day Billing Period

	Cust Demand* (kW) @ site Meter	Daily Energy (kWh) @ POD	Conversion kW @ site to coin POD pk kW	Forecast Average Pool Price ($/MWh)	Demand Charge $/kW/day	Energy Charge $/MWh	Percent Coeff	Daily Bill
Res, Com, Ind < 150 kVA								
Demand Charge	2.76	20.00	49.45%		$0.04105			$0.056
Energy Charge	2.76	20.00				$1.7500		$0.035
Pool Price Charge	2.76	20.00		$47.00			4.22%	$0.040
Other System Support Charge	2.76	20.00	49.45%		$0.00067			$0.001
Sub-Total	* Determined through Conversion							**$0.132**

	Cust Dem (kW) @ POD	Daily Energy (kWh) @ POD	Diversity Factor	Forecast Average Pool Price ($/MWh) Line Loss Factor	Demand Charge $/kW/day	Energy Charge $/MWh	Percent Coeff	Daily Bill
150 kVA to 5,000 kVA								
Demand Charge	500	6,250	61.23%	2.25%	$0.04105			$12.57
Energy Charge	500	6,250				$1.7500		$10.94
Pool Price Charge	500	6,250		$47.00			4.22%	$12.40
Other System Support Charge	500	6,250	61.23%	2.25%	$0.00067			$0.21
Sub-Total	TA POD Demand is Customer Demand X (1+Loss Factor) X Diversity							**$36.11**

	Cust Dem (kW) @ POD	Daily Energy (kWh) @ POD	Diversity Factor	Forecast Average Pool Price ($/MWh) Line Loss Factor	Demand Charge $/kW/day	Energy Charge $/MWh	Percent Coeff	Daily Bill
Customer Specific								
Demand Charge	15,000	324,000	85.41%	0.26%	$0.04105			$525.91
Energy Charge	15,000	324,000				$1.7500		$567.00
Pool Price Charge	15,000	324,000		$47.00			4.22%	$642.62
Other System Support Charge	15,000	324,000	85.41%	0.26%	$0.00067			$8.58
Sub-Total	TA POD Demand is Customer Demand X (1+Loss Factor) X Diversity							**$1,744.12**

	Cust Dem (kW) @ POD	Daily Energy (kWh) @ POD	Diversity Factor	Forecast Average Pool Price ($/MWh) Line Loss Factor	Demand Charge $/kW/day	Energy Charge $/MWh	Percent Coeff	Daily Bill
Direct Connects								
Demand Charge	15,000	324,000	100.00%	0.00%	$0.04105			$615.75
Energy Charge	15,000	324,000				$1.7500		$567.00
Pool Price Charge	15,000	324,000		$47.00			4.22%	$642.62
Other System Support Charge	15,000	324,000	100.00%	0.00%	$0.00067			$10.05
Sub-Total	TA POD Demand is Customer Demand X (1+Loss Factor) X Diversity							**$1,835.42**

	Cust Demand* (kW) @ site Meter	Daily Energy (kWh) @ POD	Conversion to kW @ POD Pk	Forecast Average Pool Price ($/MWh)	Demand Charge $/kW/day	Energy Charge $/MWh	Percent Coeff	Daily Bill
Night Lighting								
Demand Charge	0.485	5.3	92.50%		$0.04105			$0.02
Energy Charge	0.485	5.3				$1.7500		$0.01
Pool Price Charge	0.485	5.3		$47.00			4.22%	$0.01
Other System Support Charge	0.485	5.3	92.50%		$0.00067			$0.00
Sub-Total	* Determined through Conversion							**$0.04**

	Cust Demand* (kW) @ site Meter	Daily Energy (kWh) @ POD	Conversion to kW @ POD Pk	Forecast Average Pool Price ($/MWh)	Demand Charge $/kW/day	Energy Charge $/MWh	Percent Coeff	Daily Bill
Continuous Lighting (Traffic)								
Demand Charge	1.061	24	92.50%		$0.04105			$0.04
Energy Charge	1.061	24				$1.7500		$0.04
Pool Price Charge	1.061	24		$47.00			4.22%	$0.05
Other System Support Charge	1.061	24	92.50%		$0.00067			$0.00
Sub-Total	* Determined through Conversion							**$0.13**

Customer Demand for non-interval meter customers is done in 3 groups, less than 150 kVA, Photo Eye Operated, and Continuous Operation